

ABSTRACT

There is disclosed a friction reducing compound, comprising an intermediate adduct of a first moiety reacted in a first reaction with a second moiety to form the intermediate adduct and further esterifying or amidafying the intermediate adduct with a third moiety in a molar ratio of from about 1:2 to about 2:1, wherein the first moiety is an unsaturated synthetic dieneophilic base oil, wherein the second moiety is a compound having a diene conjugated carbon-carbon double bond and a carboxylic acid moiety or anhydride group, wherein the first reaction comprises mixing the first moiety with the second moiety in a molar ratio of from about 1:2 to about 2:1 under an inert atmosphere; and wherein the third moiety is a polyhydroxy compound.